

XXXXX: Manufacturer

000bar: Testing pressure [bar]

MM/YY: Test Date [month/year]

L00000: Hose length [mm]

NNNNN: Test certificate nr.

Hose size	Standards Rules	A	B	Ch	Minimum bending radius	Weight	M	Minimum bursting pressure	Maximum operating pressure ⁽¹⁾
								[mm]	
3/4" (DN 19)	UNI EN 853/1SN	19,0	27,4	32	240	0,65	Gas 3/4" ⁽³⁾	420	52
1" (DN 25)	EN 85/1SC	25,4	33,3	41	160	0,76	M36 x 2 ⁽²⁾	360	45
	UNI EN 853/1SN		35,3		300	0,96			
1 1/4" (DN 32)	EN 8571SC	31,8	40,9	50	210	1,10	M45 x 2 ⁽²⁾	375	46
	UNI EN 853/1SN		43,3		420	1,25			
1 1/2" (DN 40)	EN 8572SC	38,1	50,7	60	300	1,86	M52 x 2 ⁽²⁾	400	50
	UNI EN 853/2SN		53,4		500	2,27			
2" (DN 50)	EN 8572SC	50,8	63,4	70	400	2,40	Gas 2" ⁽³⁾	360	45
	UNI EN 853/2SN		66,2		630	3,15			

⁽¹⁾ calculated according to EN 81-20 - § 5.9.3.3.1

⁽²⁾ for coupling with male fitting 24°

⁽³⁾ for coupling with male fitting 60°

Available hose lengths : from 1,5 up to 25 m by 0,5 m increments.

With 2" (DN 50) flexible hoses 2" x 2" are supplied.

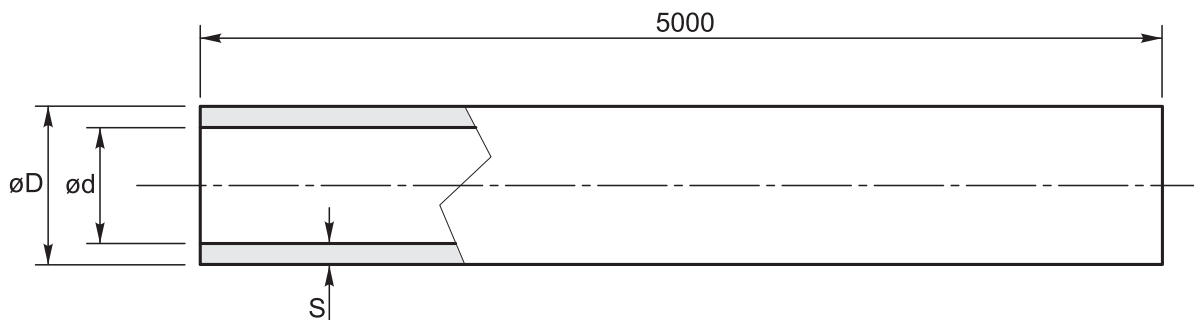
Proof against : Hydraulic oil on mineral and glycol basis.

Design : Flexible hose core synthetical rubber, platted steel wire insert on highest strength as well as synthetical upper rubber.

Fitting : material 9S Mn Pb 28.

Temperature range : - 40° C to + 100° C

For dimension not included in this data sheet please consult GMV



Feeding pipe

PIPE	SERIES	ø D	ø d	S	Weight	Pmax ⁽⁴⁾	Pmax ⁽⁵⁾	Rm	Rp _{0,2}
		[mm]			[kg/m]	[bar]		[N/mm ²]	
ø 35 x 2,5	35 L	35	30	2,5	2,01	68	52	360	235
ø 42 x 3	42 L	42	36	3	2,89	71	54		

F Supplied as single bar 5,00 m long. Pipe for L series fitting with cutting ring.

CONNECTION BETWEEN RUPTURE VALVE AND CYLINDER

PIPE	SERIES	ø D	ø d	S	Weight	Pmax ⁽⁴⁾	Pmax ⁽⁵⁾	Rm	Rp _{0,2}
		[mm]			[kg/m]	[bar]		[N/mm ²]	
ø 30 x 3	30 S	30	24	3	1,99	80	61	360	235
ø 38 x 4	38 S	38	30	4	3,35	95	73		
ø 60 x 5	60 S	60	50	5	6,80	80	61		

The complete pipe line is supplied according to jacks layout .The pipe line complies to EN 81-20 - § 5.9.3.3.3 e § 5.9.3.3.2 (welded and/or threaded connection with fittings S series).

Rm = bracking limit load

Rp_{0,2} = proportional elongation conventional limit

Pmax⁽⁴⁾ = maximum working pressure for single stage jacks and telescopic jacks with mechanical synchronization

Pmax⁽⁵⁾ = maximum working pressure for three stages telescopic jacks with hydraulic synchronization

For dimension not included in this data sheet please consult GMV